



## DoD Numbers for Traumatic Brain Injury Worldwide – Totals

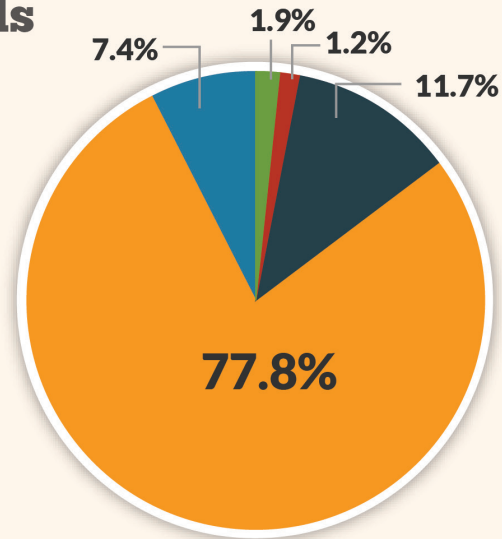
2002

Penetrating	239
Severe	153
Moderate	1,448
Mild	9,645
Not Classifiable	922

**Total - All Severities** 12,407

Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



2002, as of May 7, 2014

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.



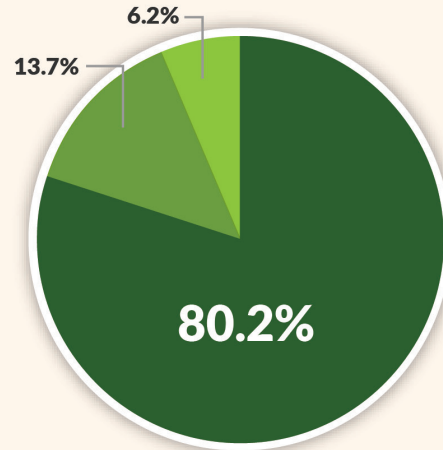
## DoD Numbers for Traumatic Brain Injury Worldwide – Army

2002

Active	4,204
Guard	717
Reserve	323

---

**Total - Army** 5,244



Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2002, as of May 7, 2014

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	88
		Severe	52
		Moderate	443
		Mild	3,257
		Not Classifiable	364
	Guard	Penetrating	19
		Severe	11
		Moderate	82
		Mild	558
		Not Classifiable	47
	Reserve	Penetrating	4
		Severe	0
		Moderate	40
		Mild	256
		Not Classifiable	23

2002 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



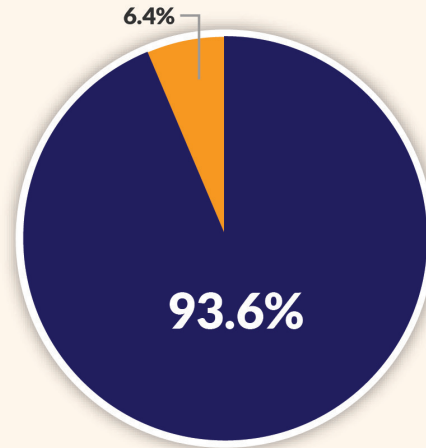
## DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2002

Active	2,512
Reserve	171

---

<b>Total - Navy</b>	<b>2,683</b>
---------------------	--------------



Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2002, as of May 7, 2014

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	54
		Severe	27
		Moderate	295
		Mild	1,892
		Not Classifiable	244
	Reserve	Penetrating	5
		Severe	5
		Moderate	17
		Mild	132
		Not Classifiable	12

2002 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

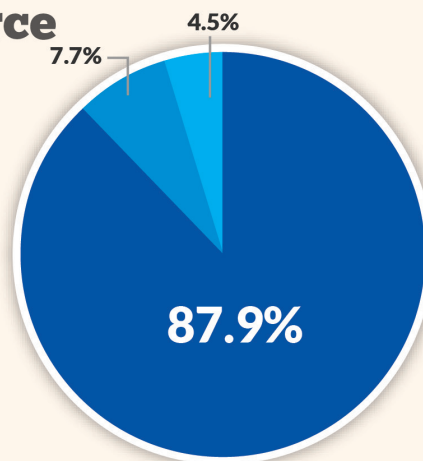


## DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2002

Active	2,130
Guard	186
Reserve	108

**Total - Air Force** 2,424



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2002, as of May 7, 2014

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	32
		Severe	24
		Moderate	253
		Mild	1,710
		Not Classifiable	111
	Guard	Penetrating	4
		Severe	1
		Moderate	17
		Mild	149
		Not Classifiable	15
	Reserve	Penetrating	3
		Severe	3
		Moderate	10
		Mild	86
		Not Classifiable	6

2002 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



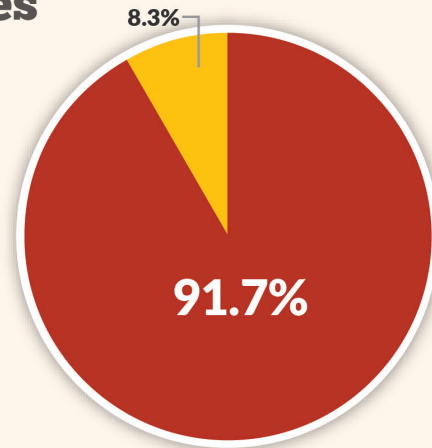
## DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2002

Active	1,886
Reserve	170

---

<b>Total - Marines</b>	<b>2,056</b>
------------------------	--------------



Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2002, as of May 7, 2014

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	27
		Severe	29
		Moderate	279
		Mild	1,460
		Not Classifiable	91
	Reserve	Penetrating	3
		Severe	1
		Moderate	12
		Mild	145
		Not Classifiable	9

2002 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)